

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 6

Complete if Known

Application Number	10/593,352
Filing Date	September 19, 2006
First Named Inventor	Francis X. Smith
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3009094 US02

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US- 2,976,576	03-28-1961	O. Wichterle et al.	
	2	US- 3,429,576	02-25-1969	Yoshiaki Ikeda	
	3	US- 3,503,393	03-31-1970	R. E. Manley	
	4	US- 3,591,329	07-06-1971	Chromeczek et al.	
	5	US- 3,689,673	09-05-1972	Phares, Jr.	
	6	US- 3,755,561	08-28-1973	Rankin	
	7	US- 3,873,696	03-25-1975	Randeri et al.	
	8	US- 3,876,768	04-08-1975	Blank	
	9	US- 3,888,782	06-10-1975	Boghossian et al.	
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	12	US- 3,912,450	10-14-1975	Boucher	
	13	US- 3,943,251	03-09-1976	Medow et al.	
	14	US- 4,022,834	05-10-1977	Gundersen	
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	16	US- 4,046,706	09-06-1977	Krezanoski	
	17	US- 4,136,173	01-23-1979	Pramoda et al.	
	18	US- 4,136,175	01-23-1979	Rideout et al.	
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Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	21	GB 1,398,058	03-15-1973	Farmaceutisk		
	22	JP 58010517 A	01-21-1983	Santen Pharmaceutical		
	23	WO 91/01763	02-21-1991	Schering Corp.		
	24	WO 92/04905	04-02-1992	Abraham et al.		
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	26	WO 92/21049	11-26-1992	Allergan, Inc.		
	27	WO 94/00160	01-06-1994	Allergan, Inc.		
	28	WO 95/00176	01-05-1995	Allergan, Inc.		
	29	WO 96/06603	03-07-1996	Alcon Laboratories		

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Sheet 2 of 6

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Application Number	10/593,352
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First Named Inventor	Francis X. Smith
Art Unit	Unknown
Examiner Name	Unknown
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		Number - Kind Code ² (if known)			
	30	US- 4,354,952	10-19-1982	Reidhammer et al.	
	31	US- 4,361,458	11-30-1982	Grajek et al.	
	32	US- 4,361,548	11-30-1982	Smith et al.	
	33	US- 4,361,549	11-30-1982	Kung et al.	
	34	US- 4,394,381	07-19-1983	Sherrill	
	35	US- 4,439,417	03-27-1985	Matsunaga et al.	
	36	US- 4,525,346	06-25-1985	Stark	
	37	US- 4,599,360	07-08-1986	Fukami et al.	
	38	US- 4,748,189	05-31-1988	Su et al.	
	39	US- 4,783,488	11-08-1988	Ogunbiyi et al.	
	40	US- 4,820,352	04-11-1989	Reidhammer et al.	
	41	US- 4,826,879	05-02-1989	Yamamoto et al.	
	42	US- Re. 32,672	05-24-1988	Huth et al.	
	43	US- 4,836,986	06-06-1989	Ogunbiyi et al.	
	44	US- 4,863,900	09-05-1989	Pollock et al.	
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	46	US- 4,804,454	01-16-1990	Paradies	
	47	US- 4,988,710	01-29-1991	Oiney	
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	49	US- 5,030,721	07-09-1991	Kasai et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	50	WO 97/34834	09-25-1997	Bio-Lab, Inc.		
	51	WO 97/41215	11-06-1997	Novo Nordisk A/S		
	52	EP 0 812 592 A1	12-17-1997	Kikkoman Corp.		
	53	JP 10-108899	04-28-1998	Tomey Technol Corp		T
	54	RU 2127100	03-10-1999	Borzenko et al.		T
	55	WO 99/23887	05-20-1999	Novo Nordisk A/S		
	56	WO 99/37295	07-29-1999	Devillez et al.		
	57	JP 2000016965 A	01-18-2000	Mitsubishi Gas		
	58	WO 00/07634	02-17-2000	NDT, Inc.		

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Sheet 3 of 6

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Application Number	10/593,352
Filing Date	September 19, 2006
First Named Inventor	Francis X. Smith
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3009094 US02

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		Number - Kind Code ² (if known)			
	59	US- 5,078,908	01-07-1992	Ripley et al.	
	60	US- 5,089,261	02-18-1992	Nitecki et al.	
	61	US- 5,122,354	06-16-1992	Tsuji et al.	
	62	US- 5,174,872	12-29-1992	Scott	
	63	US- 5,175,161	12-29-1992	Yokoyama et al.	
	64	US- 5,182,258	01-26-1993	Chiou	
	65	US- 5,192,535	03-09-1993	Davis et al.	
	66	US- 5,279,673	01-18-1994	Dziabo et al.	
	67	US- 5,300,296	04-05-1994	Holly et al.	
	68	US- 5,306,440	04-26-1994	Ripley et al.	
	69	US- 5,361,287	11-01-1994	Williamson	
	70	US- 5,380,303	01-10-1995	Holly et al.	
	71	US- 5,439,572	08-08-1995	Pankow	
	72	US- 5,449,658	09-12-1995	Unhoch et al.	
	73	US- 5,494,937	02-27-1996	Asgharian et al.	
	74	US- 5,547,990	08-20-1996	Hall et al.	
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	76	US- 5,607,681	03-04-1997	Galley et al.	
	77	US- 5,624,958	04-29-1997	Isaacs et al.	
	78	US- 6,550,862	08-26-1997	Park et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	79	WO 00/11514	03-02-2000	Senju Pharmaceutical		
	80	EP 0 923 950 A3	12-27-2000	Tomey Corporation		

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				Filing Date	September 19, 2006
				First Named Inventor	Francis X. Smith
				Art Unit	Unknown
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Sheet	4	of	6		

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		Number - Kind Code ² (if known)			
	81	US- 5,661,130	08-26-1997	Meezan et al.	
	82	US- 5,674,450	10-07-1997	Lin et al.	
	83	US- 5,691,379	11-25-1997	Ulrich et al.	
	84	US- 5,718,895	02-17-1998	Asgharian et al.	
	85	US- 5,719,110	02-17-1998	Cook	
	86	US- 5,741,817	04-21-1998	Chowhan et al.	
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	88	US- 5,780,450	07-14-1998	Shade	
	89	US- 5,807,585	09-15-1998	Martin et al.	
	90	US- 5,811,446	09-22-1998	Thomas	
	91	US- 5,854,303	12-29-1998	Powell et al.	
	92	US- 5,869,468	02-09-1999	Freeman	
	93	US- 5,888,950	03-30-1999	Potini et al.	
	94	US- 5,891,733	04-06-1999	Inoue	
	95	US- 5,925,317	07-20-1999	Rogalsky et al.	
	96	US- 5,925,371	07-20-1999	Ishiwatari	
	97	US- 5,942,218	08-24-1999	Kirschner et al.	
	98	US- 5,945,446	08-31-1999	Laub	
	99	US- 5,925,320	09-14-1999	Davidson et al.	
	100	US- 5,965,736	10-12-1999	Akhavan-Tafti	

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Examiner Signature	Date Considered
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<i>Art Unit</i>	Unknown
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Sheet 6 of 6

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Application Number	10/593,352
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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	119	CREIGHTON, THOMAS E., "Proteins Structures and Molecular Properties", W.H. Freeman & Co., New York, 1984, pp 179-182	
	120	DE LUCCA et al., "Fungicidal Properties, sterol binding, and proteolytic resistance of the synthetic peptide D4E1", Canadian Journal of Microbiology, June 1998, pp 514-520, Vol. 44, No. 6	
	121	KEAY, L., MOSER, P.W. and WILDO, B.S., "Proteases of the Genus Bacillus. II. Alkaline Proteases", Biotechnology & Bioengineering, March 1970, pp 213-249, Vol. XII	
	122	KEAY, L. and MOSER, P.W., "Differentiation of Alkaline Proteases from Bacillus Species", Biochemical and Biophysical Research Comm, 1969, pp 600-604, Vol. 34, No. 5	
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